

# Overhead Door Specifications

**Date:** 12-03-08  
**To:** To: All Overhead door Contractors  
**Cc:**  
**From:** MoDOT - David Fleming  
**RE:** Specification sheet

---

## DOOR SPECIFICATION

1. Exterior metal gauge – 20 gauge
2. Interior metal gauge – 27 gauge
3. 1 3/4 " thick door, Insulated with R 14 or better
4. Tracks – 3" continuous angle mount either standard or high lift. High lift tracks may be used if the ceiling is 3' higher than the door.
5. Springs - 50,000 - cycle, install with a solid torsion shaft for proper stability.
6. Weatherseals – Top seal may be attached to top section of door. Side seals are PVC stop moulding. Reverse angle seals are an option for steel framed buildings.
7. Special requirement – Top section should be reinforced for trolley operator attachment.
8. Windows – are insulated glass in removable screw-together frames, 12" x 24" size.
9. The electric door – Trolley type Allstar model M50D –( Equal to or better than. )
  - a. Motor – 115V single phase, 1/2 hp. Instant reversing with automatic reset thermal overload.
  - b. Limit Switches – Adjustable rotary type synchronized with door operation.
  - c. Control Circuit – 24 volt class 2, three button, OPEN-CLOSE-STOP. Wiring for this switch needs to be run in conduit.
  - d. Reduction – Primary-V- belt, secondary-chain and sprocket.
  - e. Clutch – Adjustable disc friction type.

- f. Safety Reversing – Electric reversing edge – Sensing edge on the bottom of the door to reverse the door back open if it hits something traveling down.
  - g. Electric Operators – Medium-Duty
10. Provide the Manufacturer Typ. Warranty.
11. The panel with windows will need to have five windows spaced equal.

If you have any other questions please call me at 573-472-5231 David Fleming.